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DOCKET NO.: ISIS-2710

PATENT'



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

ACHIM H. KROTZ et al.

Serial No.: 09/032,972

Group Art Unit: 1801

Filing Date: FEBRUARY 26, 1998

Examiner: N/A

For: METHODS FOR SYNTHESIS OF OLIGONUCLEOTIDES

DATE OF DEPOSIT: August 25,1998

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO APPLICATION PROCESSING DIVISION'S CUSTOMER CORRECTION BRANCH, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231.

Lillul Sal

TYPED NAME: Michael P. Straher REGISTRATION NO.: 38,325

Application Processing Division's Customer Correction Branch Assistant Commissioner for Patents Washington DC 20231 RECEIVED

SEP 0 3 TOOR

SERVICE CENTER

REQUEST FOR CORRECTED FILING RECEIPT

- 1. Attached is a copy of the Official Filing Receipt received from the PTO in the above application for which issuance of a Corrected Filing Receipt is respectfully requested.
- 2. There is an error with respect to the following data which is:

\boxtimes	incorrectly	entered;	and/or
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omitted.

	Error in	SEP 0 28998ct data
1.	Applicant's name	1. SERVICE CENTER
2.	Applicant's address	2.
3.	Title	3.
4.	Filing Date	4. FEBRUARY 26, 1998. Please see copies of Express Mail Label and Patent Application Transmittal Letter enclosed.
5.	Serial Number	5.
6.	Foreign/PCT Application Re:	6.
7.	Other	7.

3.			(complete the following applicable item A or B)
,	A.	\boxtimes	The correction(s) is/are not due to any error by applicant and no fee is due.
			\mathbf{OR}^{\cdot}
	В.		At least one of the above corrections is due to applicant's error and the fee therefore under 37 CFR 1.19(h) of \$25.00 is paid as follows:
			A check in the amount of \$25.00 is attached to cover the surcharge. Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
			Please charge the surcharge to my Deposit Account No. 23-3050 in the amount of \$25.00.

Date: August 25, 1998

Michael P. Straher Registration No. 38,325

Woodcock Washburn Kurtz Mackiewicz & Norris LLP

One Liberty Place - 46th Floor

Philadelphia PA 19103 Telephone: (215) 568-3100 Facsimile: (215) 568-3439

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PTO 103X (Rev. 8-95)

FILING RECEIPT
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UNITED STATE PARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER	PINICIDATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/032.972	03/02/98	1801	\$691.00	TSTS-2710	0	41	2

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MACKIEWICZ & NORRIS
ONE LIBERTY PLACE 46TH FLOOR
PHILADELPHIA PA 19103

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Woodcock Washburn Kurtz Mackiewicz & Norris LLP

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

ACHIM H. KROTZ, IRVINE, CA; VASULINGA T. RAVIKUMAR, CARLSBAD, CA.

FOREIGN FILING LICENSE GRANTED 05/07/98 TITLE METHODS FOR SYNTHESIS OF OLIGONUCLEOTIDES

PRELIMINARY CLASS: 536

* SMALL ENTITY



FOR CONFIRMATION PURPOSES:

PLEASE STAPLE

EXPRESS MAIL LABEL

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Michael P. Straher/jsj 500 3 00 00 00 00 00 00 00 00 00 00 00 00	۵)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Achim H. Krotz and Vasulinga T. Ravikumar

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filing Date: Herewith

Examiner: Not Yet Assigned

For: IMPROVED PROCESS FOR SYNTHESIS OF OLIGONUCLEOTIDES

EXPRESS MAIL LABEL NO: EM155772072US DATE OF DEPOSIT: January 26, 1998

Box	Patent Application
	☐ Provisional ☐ Design ☐ Sequence
	ant Commissioner for Patents Ington DC 20231
Sir:	
	PATENT APPLICATION TRANSMITTAL LETTER
	Transmitted herewith for filing, please find
	A Utility Patent Application.
	If this is a continuing application, please check appropriate box:
	☐ continuation ☐ divisional ☐ continuation-in-part of prior application number

DOC	KET N	IO. : ISIS-2710 - 2 -	PATENT			
	A Provisional Patent Application.					
	A De	sign Patent Application (submitted in duplicate).				
Includ	ling the	e following:				
	Provi	sional Application Cover Sheet.				
X	New	or Revised Specification, including pages 1 to 36 containing:				
	X	Specification				
	\boxtimes	Claims				
	X	Abstract				
	A copy of earlier application Serial No Filed to which no new matter has been added TOGETHER WITH a copy of the executed oath or declaration for such earlier application and all drawings and appendices. Such earlier application is hereby incorporated into the present application by reference.					
	Please enter the following amendment to the Specification under the Cross Reference to Related Applications section (or create such a section): "This Application is a Continuation or divisional of Application Serial No.					
			.,,			
	Signe	d Statement attached deleting inventor(s) named in the prior applicati	on.			
	A Preliminary Amendment.					
	Sheets of Formal Informal Drawings.					
	Petitio	on to Accept Photographic Drawings.				
		Petition Fee				

	\boxtimes	An \square Executed \boxtimes Unexecuted Declaration or Oath and Power of Attorney.
	An As	ssociate Power of Attorney.
	An 🗆	Executed Copy of Executed Assignment of the Invention to
		☐ A Recordation Form Cover Sheet.
		Recordation Fee - \$40.00.
	Priorit	ry is claimed under 35 U.S.C. § 119 of application Serial No filed in (country).
		A Certified Copy of each of the following applications for which priority is claimed: is enclosed.
		has been filed in prior application Serial No filed
X		Executed Unexecuted Statement Claiming Small Entity Status under F.R. 1.9 and 1.27
		is enclosed.
		has been filed in prior application Serial No filed, said status is still proper and desired in present case.
	Disket	te Containing DNA/Amino Acid Sequence Information.
	Statem	nent to Support Submission of DNA/Amino Acid Sequence Information.
	Letter	of Reference to Computer Readable Form.
	Inform	nation Disclosure Statement.
		Attached Form 1449.
		Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
	A copy	y of Petition for Extension of Time as filed in the prior case.

DOC	KET NO.: ISIS-2710 - 4 -	PATENT
	Appended Material as follows:	
X	Return Receipt Postcard (should be specifically itemized).	
	Other as follows:	

FEE CALCULATION

			SMALL ENTITY		NOT SMALL ENTITY	
			RATE	FEE	RATE	FEE
PROVISIONAL	APPLICATION		\$75.00	S	\$150.00	s
DESIGN APPL	ICATION		\$165.00	S	\$330.00	s
UTILITY APPL	ICATIONS BASE	FEE	\$395.00	\$395	\$790.00	S
	100	OF ALL				
	No. Filed	No. Extra				
TOTAL CLAIMS	41 - 20 =	21	\$11 each	\$231	\$22 each	\$
INDEP. CLAIMS	2 - 3 =	0	\$41 each	\$0	\$82 each	S
888888	ESENTATION OF NT CLAIM	MULTIPLE	\$135	\$0	\$270	S
ADDITIONAL FILING FEE				\$231		s
					117 15 41311111 (11313)	

- Two (2) Checks are enclosed in the amounts of \$604 & \$22 totaling \$626.
- The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to deposit account 23-3050. This sheet is provided in duplicate.
- The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is provided in duplicate.

DOCI	KET NO	D.: ISIS-2710 5 - PATENT
		The foregoing amount due.
	×	Any additional filing fees required, including fees for the presentation of extra claims under 37 C.F.R. 1.16.
		Any additional patent application processing fees under 37 C.F.R. 1.17 or 1.20(d).
		The issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance.
deficie	ncies in Patent a	TY DEFICIENCIES APPEAR with respect to this application, including payment of fees, missing parts of the application or otherwise, the United and Trademark Office is respectfully requested to promptly notify the
Date:	Februa	Michael P. Straher Registration No. 38,325
XX7 1	1 337	11 77 .

Facsimile: (215) 568-3439